

## EAST Search History

| Ref # | Hits | Search Query                                                                         | DBs                                                   | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|---------|------------------|
| L1    | 2    | "20060230603"                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/11/20 17:53 |
| L2    | 3    | "2002176752"                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/11/20 17:53 |
| L3    | 1    | winding same assembly same<br>rotator same rotation same block<br>same rod same feed | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/11/20 17:55 |
| L4    | 10   | winding same assembly same<br>rotator same rotation same block                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/11/20 17:55 |
| L5    | 6    | wires same winding same rotator<br>same rotation same block                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/11/20 18:03 |
| L6    | 0    | electrical same wires same winding<br>same rotator same rotation same<br>block       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/11/20 18:04 |
| L7    | 10   | winding same assembly same<br>rotator same rotation same block                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/11/20 18:04 |
| L8    | 1    | ("2790121").URPN.                                                                    | USPAT                                                 | OR               | OFF     | 2007/11/20 18:04 |
| L9    | 8    | ("4446407").URPN.                                                                    | USPAT                                                 | OR               | OFF     | 2007/11/20 18:05 |
| L10   | 394  | wires adj winding                                                                    | USPAT                                                 | OR               | OFF     | 2007/11/20 18:05 |
| L11   | 1148 | rotation adj block                                                                   | USPAT                                                 | OR               | OFF     | 2007/11/20 18:06 |
| L12   | 3764 | fixed adj block                                                                      | USPAT                                                 | OR               | OFF     | 2007/11/20 18:06 |
| L13   | 4873 | semicircular adj shape                                                               | USPAT                                                 | OR               | OFF     | 2007/11/20 18:06 |
| L14   | 1313 | winding adj assembly                                                                 | USPAT                                                 | OR               | OFF     | 2007/11/20 18:07 |
| L15   | 0    | 14 and 11 and 12 and 13                                                              | USPAT                                                 | OR               | OFF     | 2007/11/20 18:07 |
| L16   | 0    | 11 and 12 and 13 and winding                                                         | USPAT                                                 | OR               | OFF     | 2007/11/20 18:07 |

## EAST Search History

|     |      |                                                                    |                                                                            |    |     |                  |
|-----|------|--------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| L17 | 0    | 11 and 12 and 13                                                   | USPAT                                                                      | OR | OFF | 2007/11/20 18:08 |
| L18 | 39   | 11 and 12                                                          | USPAT                                                                      | OR | OFF | 2007/11/20 18:10 |
| L19 | 1722 | 29/605.ccls.                                                       | USPAT                                                                      | OR | OFF | 2007/11/20 18:10 |
| L20 | 0    | 19 and 11 and 12                                                   | USPAT                                                                      | OR | OFF | 2007/11/20 18:10 |
| L21 | 0    | 19 and 11                                                          | USPAT                                                                      | OR | OFF | 2007/11/20 18:10 |
| L22 | 2    | 19 and 13                                                          | USPAT                                                                      | OR | OFF | 2007/11/20 18:14 |
| L23 | 0    | "20040040142"                                                      | USPAT                                                                      | OR | OFF | 2007/11/20 18:15 |
| L24 | 2    | "20040040142"                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:15 |
| L25 | 2    | "6376961".pn.                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:16 |
| L26 | 5    | ("5801471"   "6181043"   "6201332"<br>  "6208060"   "6252326").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | OFF | 2007/11/20 18:18 |
| L27 | 37   | "6268678"                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:19 |

## EAST Search History

|     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |    |     |                  |
|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|-----|------------------|
| L28 | 114 | ("20010011852"   "20010019234"  <br>"20010020807"   "20010024071"  <br>"20010026109"   "20010030487"  <br>"20010040415"   "20010040416"  <br>"20010040418"   "20020033646"  <br>"20020125784"   "20030048032"  <br>"20030132680"   "20030137204"  <br>"20030137205"   "20030137207"  <br>"20030173860"   "20030193253"  <br>"20040145267"   "2781465"  <br>"3122667"   "3444407"   "3566171"<br>  "3634708"   "3660705"  <br>"3753060"   "3753062"   "3780324"<br>  "3821846"   "3838322"  <br>"3854077"   "3884385"   "3990029"<br>  "4115915"   "4176444"  <br>"4197475"   "4206621"   "4400639"<br>  "4451749"   "4617725"  <br>"4757601"   "4808868"   "4829206"<br>  "4876473"   "4896063"  <br>"4959573"   "5231324"   "5343105"<br>  "5444321"   "5449962"  <br>"5519266"   "5539265"   "5708316"<br>  "5714824"   "5864193"  <br>"5936326"   "5955804"   "5955810"<br>  "5962943"   "5965965"  <br>"5986375"   "5994802"   "5994813"<br>  "5998903"   "6011332"  <br>"6037695"   "6049154"   "6051906"<br>  "6059969"   "6078116"  <br>"6091169"   "6097130"   "6124660"<br>  "6137201"   "6137202"  <br>"6147430"   "6147432"   "6166461"<br>  "6177747"   "6181043"  <br>"6181045"   "6201332"   "6204586"<br>  "6208060"   "6211594"  <br>"6222295"   "6242835"   "6242836"<br>  "6252326"   "6268678"  <br>"6281614"   "6285105"   "6291918"<br>  "6333573"   "6335583"  <br>"6337530"   "6342740"   "6348750"<br>  "6373164"   "6407476"  <br>"6484388"   "6501204"   "6501205"<br>  "6504283"   "6552463"  <br>"6570289"   "6573622"   "6664703"<br>  "6742238"   "6750582"  <br>"6882077").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/11/20 18:19 |
| L29 | 2   | ("4833356"   "5097167").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/11/20 18:24 |
| L30 | 14  | ("4833356").URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT                        | OR | OFF | 2007/11/20 18:26 |
| L31 | 87  | 29/603.23.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USPAT                        | OR | OFF | 2007/11/20 18:26 |
| L32 | 2   | ("3737991").URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT                        | OR | OFF | 2007/11/20 18:30 |

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|     |       |                    |                                                                            |    |     |                  |
|-----|-------|--------------------|----------------------------------------------------------------------------|----|-----|------------------|
| L33 | 36    | 29/603.24.ccls.    | USPAT                                                                      | OR | OFF | 2007/11/20 18:34 |
| L34 | 582   | 310/184.ccls.      | USPAT                                                                      | OR | OFF | 2007/11/20 18:34 |
| L35 | 0     | 34 and 11          | USPAT                                                                      | OR | OFF | 2007/11/20 18:35 |
| L36 | 0     | 34 and 12          | USPAT                                                                      | OR | OFF | 2007/11/20 18:35 |
| L37 | 661   | 310/179.ccls.      | USPAT                                                                      | OR | OFF | 2007/11/20 18:35 |
| L38 | 41    | 37 and 14          | USPAT                                                                      | OR | OFF | 2007/11/20 18:44 |
| L39 | 14411 | Yutaka Hirota.inv. | USPAT                                                                      | OR | OFF | 2007/11/20 18:44 |
| L40 | 4     | 39 and 14          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:45 |
| L41 | 4     | 39 and 11          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:45 |
| L42 | 815   | 310/198.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:46 |
| L43 | 14    | 42 and 14          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:46 |
| L44 | 6     | ("4315178").URPN.  | USPAT                                                                      | OR | OFF | 2007/11/20 18:48 |
| L45 | 4     | "2000028644"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:50 |

## EAST Search History

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|-----|----|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| L46 | 23 | "4692645"                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/20 18:50 |
| L47 | 24 | ("5723931").URPN.                                                                                                                                   | USPAT                                                                      | OR | OFF | 2007/11/20 19:06 |
| L48 | 11 | ("3783359"   "4719378"   "4774428"<br>  "5006745"   "5164622"  <br>"5450915"   "5675196"   "5723931"<br>  "5804904"   "5874795"  <br>"6118196").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | OFF | 2007/11/20 19:07 |
| L49 | 17 | ("4719378").URPN.                                                                                                                                   | USPAT                                                                      | OR | OFF | 2007/11/20 19:08 |